Please **AMEND** the claims as follows:

1. (Amended) A method for purification of a vinyl polymer having at least one reactive functional group per molecule obtained by the atom transfer radical polymerization of a vinyl monomer using a transition metal complex as a polymerization catalyst,

which comprises bringing said vinyl polymer into contact with an oxidizing agent.

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2. (Amended) A method for purification of a vinyl polymer having at least one alkenyl group per molecule or an intermediate obtained in the course of production of said vinyl polymer,

which comprises bringing said vinyl polymer or intermediate into contact with an oxidizing agent.

15. (Twice Amended) The method for purification according to Claim 2

B3

wherein the vinyl polymer having at least one alkenyl group per molecule is obtained by the atom transfer radical polymerization of a vinyl monomer using a transition metal complex as a polymerization catalyst.

17. (Amended) The method for purification according to Claim 16

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wherein the vinyl polymer having an alkenyl group at the molecular chain terminus is obtained by adding a compound having two or more sparingly polymerizable carbon-carbon double bonds during polymerization or after completion of polymerization in an atom transfer radical polymerization system.

B4

18. (Amended) A method for purification of a vinyl polymer having at least one reactive functional group per molecule for use as a component for a hydrosilylatable composition which comprises bringing the vinyl polymer into contact with an oxidizing agent.

22. (Twice Amended) The method for purification according to Claim 1 or 2 wherein a center metal of the transition metal complex belongs to group 8, group 9, group 10 or group 11 of the periodic table of the elements.

23. (Twice Amended) The method for purification according to Claim 22 wherein the center metal of the transition metal complex is iron, nickel, ruthenium, or copper.

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24. (Twice Amended) The method for purification according to Claim 1 or 2 wherein a polyamine compound is used as a catalyst ligand for atom transfer radical polymerization.

25. (Twice Amended) A vinyl polymer as obtained by the method for purification according to Claim 1 or 2.

26. (Twice Amended) A hydrosilylatable composition comprising the vinyl polymer obtained by the method for purification according to Claim 1 or 2.

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27. (Twice Amended) A hydrosilylatable composition comprising

(A) an alkenyl group-containing vinyl polymer obtained by the method for purification according to Claim 1 or 2, and

(B) a hydrosilyl group-contining compound.

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31. (Twice Amended) A crosslinkable silyl group-containing vinyl polymer obtained by hydrosilylation of the hydrosilylatable composition according to Claim 26.

Please **ADD** the following new claim.

B7

35. (New) The method for purification according to Claim 1

wherein the reactive functional group is a functional group selected from the group consisting of alkenyl, crosslinkable silyl, hydroxyl, epoxy, amino and amido.